

DETAILED ACTION

This action is responsive to the Amendment after Non-Final filed January 3, 2011 and the interview on February 25, 2011. Claims 93-114 were pending. Claims 93-114 are allowed.

Terminal Disclaimer

The Examiner notes the accepted terminal disclaimer filed July 30, 2010 in application 10/775,899 disclaiming the terminal portion of the 899 application which would extend beyond the expiration date of the full statutory term of the instant application.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas McGinnis on February 25, 2011.

The application has been amended as follows:

Amendments to the Claims

93. (Currently Amended) An apparatus comprising:

a housing configured for mounting to a room wall external to and separate from ~~the~~ an equipment rack and at a distance above a raised floor, the housing including:

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at least one sensor configured to monitor environmental conditions ambient to rack mounted computer equipment located within ~~an~~ the equipment rack, the at least one sensor selected from a group consisting of a temperature sensor and a humidity sensor;

a processor responsive to the at least one sensor;

at least one network interface responsive to the processor and configured for communication with a distributed computing network;

a power control interface configured to access power management equipment;

a web server configured to provide a web page associated with information derived from the at least one sensor;

an email module configured to send notification of events associated with the at least one sensor;

a simple network management protocol module configured to communicate with computer equipment external to the housing; and

a modem responsive to the processor and configured to access a telephone line.

98. (Currently Amended) An apparatus comprising:

a housing configured for mounting to a room wall external to and separate from ~~the~~ an equipment rack and at a distance above a raised floor, the housing including:

at least one sensor configured to monitor environmental conditions ambient to rack mounted computer equipment located within ~~an~~ the equipment rack, the at least one sensor selected from a group consisting of a temperature sensor and a humidity sensor;

a plurality of processors, at least one processor of the plurality of processors responsive to the at least one sensor;

at least one network interface responsive to at least one processor of the plurality of processors and configured for communication with a distributed computing network,

a power control interface responsive to at least one processor of the plurality of processors and configured to access power management equipment;

a web server responsive to at least one processor of the plurality of processors and configured to provide a web page associated with information derived from the at least one sensor;

an email module responsive to at least one processor of the plurality of processors and configured to send notification of events associated with the at least one sensor;

a simple network management protocol module responsive to at least one processor of the plurality of processors and configured to communicate with computer equipment external to the housing; and

a modem responsive to at least one processor of the plurality of processors and configured to access a telephone line.

103. (Currently Amended) An apparatus comprising:

a housing configured for mounting to a room wall external to and separate from the ~~an~~ an equipment rack and at a distance above a raised floor, the housing including:

at least one sensor configured to monitor environmental conditions ambient to monitored computer equipment located within ~~an~~ the equipment rack, the at least one sensor selected from a group consisting of a temperature sensor and a humidity sensor;

a web server configured to provide a web page having information derived from the at least one sensor;

an email module configured to send email;

a simple network management protocol module configured to communicate using a simple network management protocol;

a modem configured to access a telephone line and configured to selectively send data to a pager;

at least one network interface configured to access a distributed computer network; and

an alarm module responsive to the at least one sensor and configured to send an alarm notification, the alarm notification communicated by at least one of the email module, the simple network management protocol module, and the modem.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach neither singly nor in combination, the claimed limitations of "a housing configured for mounting to a room wall external to and separate from an equipment rack and at a distance above a raised floor, the housing including: at least one sensor configured to monitor environmental conditions ambient to rack mounted computer equipment located within the equipment rack, the at least one sensor selected from a group consisting of a temperature sensor and a humidity sensor, and a web server configured to provide a web page associated with information derived from the at least one sensor" as stated in claim 93 and similarly in claims 98, 103, and 107. These limitations, in conjunction with other limitations in the independent claims, are not specifically disclosed or remotely suggested in the prior art of record. A review of claims 93-114 indicated claims 93-114 are allowable over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Thamattoor (US Patent #6,658,595) teaches of asymmetrically maintaining system operability.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian J. Gillis whose telephone number is (571)272-7952. The examiner can normally be reached on M-F 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing F. Chan can be reached on 571-272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Brian J. Gillis
Examiner
Art Unit 2441

/B. J. G./
Examiner, Art Unit 2441
2/28/2011
/Larry Donaghue/
Primary Examiner, Art Unit 2454